

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/553,851  
Filing Date: August 7, 2006  
Applicant: Chia Ying Lin  
Group Art Unit: 2123  
Examiner: Kidest Bahta  
Title: INTEGRATED GLOBAL LAYOUT AND LOCAL  
MICROSTRUCTURE TOPOLOGY OPTIMIZATION  
APPROACH FOR SPINAL CAGE DESIGN AND  
FABRICATION  
Attorney Docket: 2115D-002504/US/NPB

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed June 12, 2008, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 12 of this paper.